

Appl. No. 10/619,061
Amdt. dated May 19, 2006
Reply to Office Action of 12/21/2005

Docket No. A01182

AMENDMENTS TO CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A triggered response composition comprising: one or more polyelectrolytes in contact with an aqueous system that is stable and insoluble in an aqueous system at an ionic strength equivalent to 0.5 M sodium chloride or higher and when in contact ~~with in an~~ with an aqueous system at an ionic strength equivalent to less than 0.1 M sodium chloride, the composition disperses, disintegrates, dissolves, destabilizes, swells, or combinations thereof; wherein the polyelectrolyte is one or more alkali soluble polymers having a weight average molecular weight between 1,000 and 20,000 comprising: (a) ~~5-15~~ 5-70 weight percent of acidic monomers selected from methacrylic acid, ~~2-methylpropionic acid~~ or acrylic acid; (b) ~~85-95~~ 30-95 weight percent of one or more non-ionic vinyl monomers selected from butyl acrylate, styrene and methyl methacrylate and (c) 0.01 to 5 weight percent of one or more cross-linking agents selected from the group consisting of alkaline earth ions calcium, magnesium and barium.
2. (cancelled)
3. (currently amended) A barrier composition comprising: one or more polyelectrolytes triggered response composition of claim 1, further comprising one or more active ingredients, and wherein said polyelectrolyte surrounds said active ingredients.
4. - 8. (cancelled)
9. (new) A triggered response composition comprising: one or more polyelectrolytes in contact with an aqueous system that is stable and insoluble in an

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aqueous system at an ionic strength equivalent to 0.5 M sodium chloride or higher and when in contact with an aqueous system at an ionic strength equivalent to less than 0.1 M sodium chloride, the composition disperses, disintegrates, dissolves, destabilizes, swells, or combinations thereof; wherein the polyelectrolyte is one or more alkali soluble polymers having a weight average molecular weight between 1,000 and 20,000 comprising: (a) 5-70 weight percent of acidic monomers selected from methacrylic acid or acrylic acid; (b) 30-95 weight percent of one or more non-ionic vinyl monomers selected from butyl acrylate, styrene and methyl methacrylate and (c) 0.01 to 5 weight percent of one or more transition metal ion cross-linking agents selected from the group consisting of carbonate, bicarbonate, and acetate salts of iron, copper, and zinc.

10. (new) A barrier composition comprising: one or more triggered response composition of claim 9, further comprising one or more active ingredients, and wherein said polyelectrolyte surrounds said active ingredients.